

L Number	Hits	Search Text	DB	Time stamp
4	5	6409136.URPN.	USPAT	2004/09/27 09:07
5	1	"5505516".PN.	USPAT	2004/09/27 09:09
9	31	5259580.URPN.	USPAT	2004/09/27 09:09
10	27	("2778702" "4583707" "4645157" "4728018" "4733908" "4783037" "4792184" "4818017" "4848627" "4928865" "4943111" "4953771" "4955571" "5007610" "5024411" "5060899" "5072989" "5087008" "5096152" "5104184" "5104185" "5104186" "5104187" "5131716" "5171061" "5190259" "5195711").PN.	USPAT	2004/09/27 09:15
13	0	6779769.URPN.	USPAT	2004/09/27 09:23
14	1	("6749167").PN.	USPAT	2004/09/27 09:29
15	0	6749167.URPN.	USPAT	2004/09/27 09:29
16	8	("2851185" "4511072" "4738423" "5072989" "5782448" "5791618" "5890692" "6076793").PN.	USPAT	2004/09/27 09:29
17	1104223	spring	USPAT; US-PGPUB; EPO; JPO	2004/09/27 09:33
18	660	(248/523,524,525,526).ccls.	USPAT; US-PGPUB; EPO; JPO	2004/09/27 09:34
19	90	spring and ((248/523,524,525,526).ccls.)	USPAT; US-PGPUB; EPO; JPO	2004/09/27 09:35
22	10	("2891747" "3058707" "3301512" "3302909" "4834335" "4949502" "4989820" "5464186" "5507117" "5918849").PN.	USPAT	2004/09/27 09:45
25	0	6749167.URPN.	USPAT	2004/09/27 09:46
26	8	("2851185" "4511072" "4738423" "5072989" "5782448" "5791618" "5890692" "6076793").PN.	USPAT	2004/09/27 09:46
27	400	(16/386).CCLS.	USPAT	2004/09/27 10:34
28	64	(16/386).CCLS.	US-PGPUB; EPO; JPO	2004/09/27 10:35
29	1	("4706275").PN.	USPAT	2004/09/27 10:35
32	2	5269046.URPN.	USPAT	2004/09/27 11:16
33	19	("0770595" "0771654" "0782428" "2012800" "2677479" "2963734" "3091357" "3126120" "3416185" "4223421" "4349120" "4515424" "4663803" "4688146" "4785500" "4821374" "4930753" "5004289" "5070577").PN.	USPAT	2004/09/27 11:16
34	7	770595.URPN.	USPAT	2004/09/27 11:18
37	283	(16/262,263).CCLS.	USPAT	2004/09/27 11:23
38	1	("0770595").PN.	USPAT	2004/09/27 11:29
39	13	((("4,854,536") or ("5,104,184") or ("5,104,185") or ("5,104,186") or ("5,104,187") or ("5,190,259") or ("5,232,262") or ("5,379,978") or ("5,516,016") or ("5,673,891") or ("5,779,302") or ("5,791,618") or ("5,845,888")).PN.	USPAT	2004/09/27 11:42

40	3	(("5,944,240") or ("6,464,187") or ("6,685,152")).PN.	USPAT	2004/09/27 11:42
43	1	("6749167").PN.	USPAT	2004/09/27 12:45
44	8	("2851185" "4511072" "4738423" "5072989" "5782448" "5791618" "5890692" "6076793").PN.	USPAT	2004/09/27 12:11
45	1	("0770595").PN.	USPAT	2004/09/27 12:52
46	1	("6749167").PN.	USPAT	2004/09/27 12:52
-	1555	(248/311.2,314224/926).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/09/24 15:09
-	2283	((248/311.2,314) or (224/926)).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:38
-	1104223	spring	USPAT; US-PGPUB; EPO; JPO	2004/09/27 09:33
-	785623	spring	USOCR	2004/09/24 15:10
-	935	((248/311.2,314) or (224/926)).CCLS.	USOCR	2004/09/24 15:10
-	525	(((248/311.2,314) or (224/926)).CCLS.) and spring	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:39
-	248	spring and ((248/311.2,314) or (224/926)).CCLS.)	USOCR	2004/09/24 16:03
-	481	a47k001/08.ipc.	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:04
-	314	a47k001/08.ipc. not (((248/311.2,314) or (224/926)).CCLS.) and spring)	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:05
-	1	"09020166"	JPO	2004/09/24 16:29
-	1	"10291436"	JPO	2004/09/24 16:29
-	1	"20030155477"	US-PGPUB	2004/09/24 16:29
-	274	(297/188.14,188.15,188.16,188.17).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:38
-	525	(((248/311.2,314) or (224/926)).CCLS.) and spring	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:39
-	223	((297/188.14,188.15,188.16,188.17).CCLS.) not (((248/311.2,314) or (224/926)).CCLS.) and spring)	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:55
-	51	((297/188.14,188.15,188.16,188.17).CCLS.) and (((248/311.2,314) or (224/926)).CCLS.) and spring)	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:56
-	748	((297/188.14,188.15,188.16,188.17).CCLS.) (((248/311.2,314) or (224/926)).CCLS.) and spring)	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:56
-	256072	beverage drink cup	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:56
-	1874454	hold\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:57
-	27319	(beverage drink cup) with hold\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:57
-	1104223	spring	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:57
-	3090	((beverage drink cup) with hold\$3) same spring	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:57

-	2344273	rotat\$4 pivot\$4 swivel\$4	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:58
-	1024	((beverage drink cup) with hold\$3) same spring) same (rotat\$4 pivot\$4 swivel\$4)	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:58
-	912	((beverage drink cup) with hold\$3) same spring) same (rotat\$4 pivot\$4 swivel\$4)) not (((297/188.14,188.15,188.16,188.17).CCLS.) (((248/311.2,314) or (224/926)).CCLS.) and spring))	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:58
-	16317	(beverage drink cup) near3 hold\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:59
-	13527	(beverage drink cup) near2 hold\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:59
-	8776	(beverage drink cup) near hold\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:59
-	18391	(beverage drink cup) near4 hold\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/24 16:59
-	19928	(beverage drink cup) near5 hold\$3	USPAT; US-PGPUB; EPO; JPO	2004/09/24 17:00
-	275035	spring with (rotat\$4 pivot\$4 swivel\$4)	USPAT; US-PGPUB; EPO; JPO	2004/09/24 17:01
-	559	((beverage drink cup) with hold\$3) same (spring with (rotat\$4 pivot\$4 swivel\$4))	USPAT; US-PGPUB; EPO; JPO	2004/09/24 17:01
-	486	((beverage drink cup) with hold\$3) same (spring with (rotat\$4 pivot\$4 swivel\$4)) not (((297/188.14,188.15,188.16,188.17).CCLS.) (((248/311.2,314) or (224/926)).CCLS.) and spring))	USPAT; US-PGPUB; EPO; JPO	2004/09/24 17:01

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Note the comb-like deflector of Honma et al., which has fingers (corresponding to the claimed fins) that easily fit between fins of the heat sink 20.

Claims 4 and 5 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The remaining references show various air guiding means for finned heat sinks.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Allen J. Flanigan whose telephone number is (703) 308-1015. The examiner can normally be reached on M-F 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Scherbel can be reached on (703) 308-1272. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in cursive script, reading "Allen J. Flanigan".

Allen J. Flanigan
Primary Examiner
Art Unit 3753

AJF